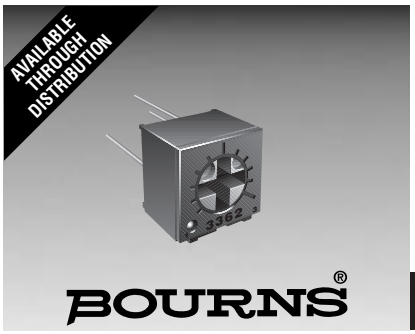
Distributed by:

JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

The content and copyrights of the attached material are the property of its owner.



BOURNS®

Features

- Single-Turn / Cermet / Industrial / Sealed
- Miniature package
- Rotor designed for automatic machine adjust interface
- Withstands harsh environments and immersion cleaning processes
- Available on tape and reel packaging (see page 71)

Jameco Part Number 182828

3362 - 1/4" Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....10 to 2 megohms
(see standard resistance table)
Resistance Tolerance .....±10% std.
(tighter tolerance available)
Absolute Minimum Resistance
.....1% or 2 ohms
(whichever is greater)
Contact Resistance Variation
.....1% or 3 ohms max.
(whichever is greater)
Adjustability
Voltage .....±0.05%
Resistance .....±0.15%
Resolution.....Infinite
Insulation Resistance .....500 vdc.
1,000 megohms min.
Dielectric Strength
Sea Level .....900 vac
80,000 Feet .....350 vac
Adjustment Angle .....240° nom.

Environmental Characteristics

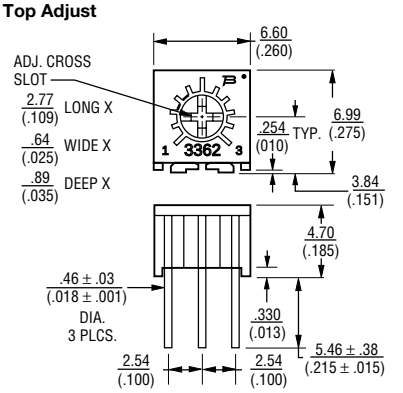
Power Rating (300 volts max.)
70°C.....0.50 watt
125°C.....0 watt
Temperature Range
.....-55°C to +125°C
Temperature Coefficient
.....±100ppm/°C
Seal Test .....85°C Fluorinert*
Humidity.....MIL-STD-202 Method 103
96 hours
(2% ΔTR; 10 Megohms IR)
Vibration.....30G (1% ΔTR; 1% ΔVR)
Shock.....100G (1% ΔTR; 1% ΔVR)
Load Life
.....1,000 hours 0.5 watt @ 70°C
(3% ΔTR; 3% or 3 ohms,
whichever is greater, CRV)
Rotational Life.....200 cycles
(4% ΔTR; 3% or 3 ohms,
whichever is greater, CRV)

Physical Characteristics

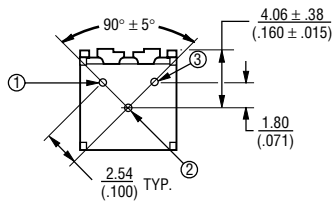
Mechanical Angle .....270° nom.
Torque .....3.0 oz-in. max.
Stop Strength .....7.0 oz -in. min.
Terminals .....Solderable pins
Weight .....0.02 oz.
Marking .....Resistance code,
terminal numbers, manufacturer's
model number, style
and date code
Wiper .....Positioned at 50% nominal
Flammability .....U.L. 94V-0
Standard Packaging .....50 pcs. per tube
Adjustment Tool H-90

*"FLUORINERT" IS A REGISTERED TRADEMARK OF 3M CO.

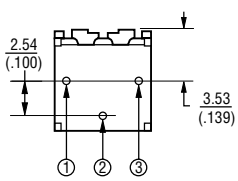
Common Dimensions
Top Adjust



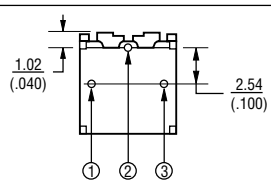
3362H



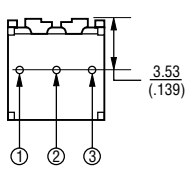
3362P



3362R



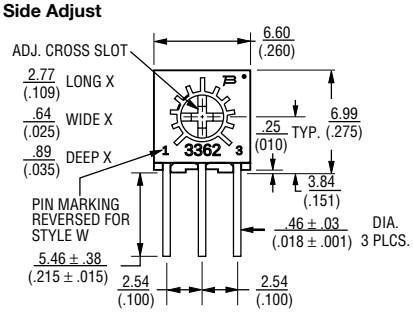
3362U



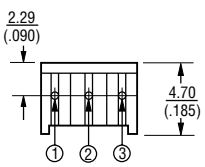
TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: METRIC / (INCHES)

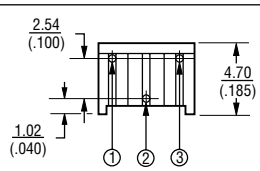
Common Dimensions
Side Adjust



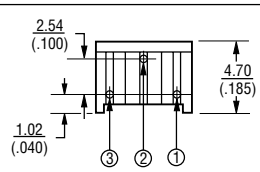
3362M



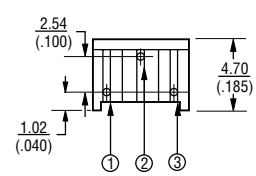
3362S



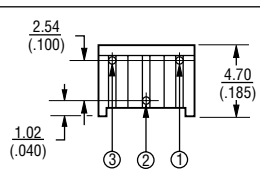
3362W

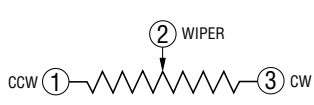


3362X



3362Z





Specifications are subject to change without notice.

3362 - 1/4” Square Trimming Potentiometer

BOURNS®

How to Order

3362 P - 1 - 502

Model

Style

Standard or Modified Product Indicator
-1 = Standard Product

Resistance Code

Consult factory for other available options.

Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	**101**
200	**201**
500	**501**
1,000	**102**
2,000	**202**
5,000	**502**
10,000	**103**
20,000	**203**
25,000	**253**
50,000	**503**
100,000	**104**
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205

Popular values listed in boldface. Special resistances available.

SHADED AREAS TYPICALLY NOT STOCKED BY DISTRIBUTORS AND NOT RECOMMENDED FOR NEW DESIGNS.